ENGLISH

OWNER'S MANUAL

Slim Portable BD-ROM/DVD Writer
Slim Portable Blu-ray/DVD Writer

To enjoy fully all the features and functions of your product,
please read this owner's manual carefully and completely.

CAUTION : The laser used in the Writer can damage your eyes.
Do not attempt to open the cover.
To reduce the risk of electric shock, do not remove the cover (or back).
There are no user-serviceable parts inside.
Refer servicing to qualified service personnel.

Use of controls or performance of procedures other than those specified herein may result in hazardous radiation exposure.

WARNING : To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture

Caution!

The disc rotates at high speed in the drive unit.
Use of worn, damaged, or non-standard discs can adversely affect the drive and cause the disc to shatter or crush while in use.
Disc crush can only occur when you use a damaged disc in the drive. It is an extremely rare occurrence, but there are steps which can be taken to prevent it.

Always check your discs before inserting them into the drive.

1. **Take care not to use worn, cracked, damaged, warped or poor quality discs, as this may cause damage to your drive.**
2. **Check the clear plastic on the center of the disc, cracks here are the main cause of disc crush.**
3. **Do not play discs which are a non-standard (I.e. non-circular)shape, such as heart shaped discs, or discs in the shape of a business card.**

How can you keep your discs from becoming damaged?

1. **When not in use, remove discs from the drive.**
2. **Keep discs in the packaging supplied with them and out of direct sunlight and away from heat sources.**

Excessive vibration or a sudden jolt to the drive during operation may cause a malfunction.
Avoid exposing the drive to sudden changes in temperature as it may cause condensation to collect inside the drive.

Thank you for purchasing the Slim Portable Blu-ray writer.

Important precautions

Follow these precautions when handling the drive or discs.

Precautions
Please note that the manufacturer of this equipment does not offer any warranty against data loss due to inappropriate installation, handling, direct or indirect damages. Please note that the manufacturer will bear no responsibility for direct or indirect damages (including lost data)caused by the use of this product or its malfunction.

Please backup(copy) all important data as protection against data loss.

Installation
Avoid placing the drive in a location subject to:
- high humidity
- high temperature
- excessive dust
- mechanical vibration
- direct sunlight

Operation
Don't move the drive suddenly from a cold place to warm one. Condensation may cause abnormal operation. Make sure to remove the disc before moving the drive to prevent the possible damage to the disc. Prevent foreign objects, such as liquids or metal, from entering the drive and in the case a foreign object enters the drive, please consult the dealer where the drive was purchased. Don't interrupt the electric power while the drive is operating.
While drive is operating, don't move the drive or give a shock to the drive, since it can cause damages to the disc.

Operation through a USB hub cannot be guaranteed.
When connecting with USB1.1 interface, picture and sound may be disrupted while watching DVD Video or BD MV due to lack of data transfer speed.
For smoother playback of DVDs or BD's, high-speed USB 2.0 should be used.

The appliance is not intended for use by young children or infirm persons without supervision.

WARNING: Only drives bearing the logo *Compact Disc ReWritable Ultra Speed* can write or erase Ultra Speed CD-RW media.

Ultra Speed CD-RW Media may be recognized by the same *Compact Disc ReWritable Ultra Speed* logo on the disc label or packaging material.

Attempting to write to Ultra Speed CD-RW media using CD-RW drives NOT bearing the logo *Compact Disc ReWritable Ultra Speed* may result in data loss.

DVD+R Double Layer media may have compatibility problem with other drives.

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- Microsoft® and Windows® are trademarks registered in the United States and other countries by the Microsoft Corporation.
- DVD Logo is a trademark of DVD Format/Logo Licensing Corp., registered in U.S., Japan and other countries.
- BD Logo is a trademark registered in U.S., Japan and other countries.
- The company names and product names written in this manual are trademarks or registered trademarks of the respective companies.
- We have taken all possible measures to assure the quality of our products, but we cannot be responsible for the consequences if defect occurs.

Introduction

Location and function of controls

This following is the general figure of the design of the drive. The drive's appearance and specifications may change without prior notice.

1. **Disc Tray**
2. **Drive activity indicator**

   The LED is used to indicate the operation of Drive.
3. **Eject Button**
4. **Emergency Eject Hole**
5. **USB Connector**

   This connector is used to connect to the USB cable.

Cautions

System meeting the following requirements is needed in order to use USB 2.0 operation with this drive.

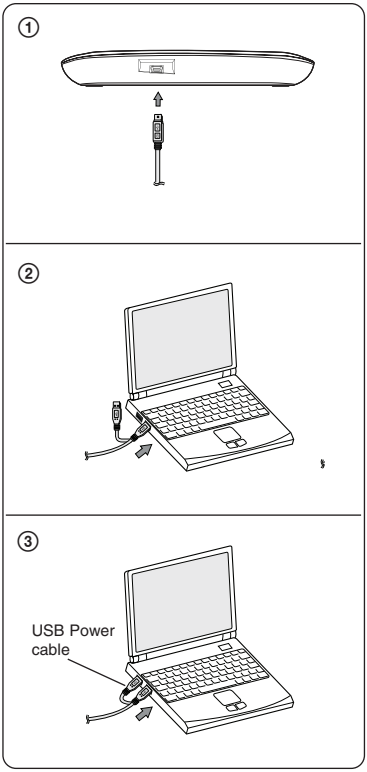
- Computer that is equipped with a USB 2.0 – compliant USB connector or PCI adapter card, and on which the USB 2.0 EHCI (Enhanced Host Controller Interface) driver software [1] has been installed.

  [1] The USB 2.0 EHCI driver software is supplied with currently available PCI adapter cards that conform to USB 2.0. Further, Microsoft has released the USB 2.0 EHCI driver software for Windows XP, therefore it is also possible to use this driver software with Windows XP.
  If you want to know in detail, please contact your USB 2.0 adapter dealer or consult your PC manufacturer, or consult the Microsoft Corporation Web site.
- To achieve maximum Record & Write speed your system may require data to be copied first to the computer's hard drive rather than directly from another source disc or drive.

Installation

Hardware Installation

Connecting to computer



NOTES

- Make sure you have a personal computer with one or two open USB ports before connecting the drive to your computer.
- Power for all other devices should be turn off before attaching the cables.

Connect the drive to the computer as shown in figure.

① Connect the USB cable to the drive.

② Connect the other end of the USB cable to your computer.

③ The drive may get its power from the PC USB power.
All systems may not meet USB power requirements and full performance may not be achieved.
In this case, connect to the USB power cable.

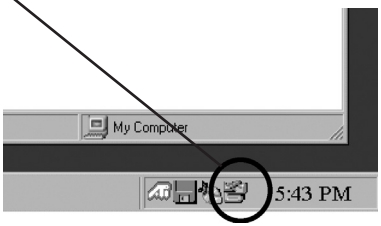
NOTE

- Please do not connect the USB cables by any means other than specified above. Using the wrong type of cable with this drive can cause it to malfunction.

Removing the USB converter cable

The drive supports the plug and play(not swap) function of Windows, and can be removed and inserted by performing the following operation.

1. Stop the application software being currently used.
2. Click the icon “ ” of the taskbar located on your screen’s bottom right side.



3. Click “Safely Remove USB Mass Storage Device-Drive[x:]”.
4. Click “Ok” and then remove the USB converter cable.

NOTE

Don’t remove the USB cable when the busy indicator on the drive blinks, or during computer startup.

Operation

Inserting and ejecting a disc

Inserting a Disc

1. Press the Eject button. The disc tray will be ejected.
2. Place the disc in the center of the tray with the label side facing up.
3. Push disc onto hub until secure.
4. Push the disc tray by hand and completely close.

Ejecting a disc

1. Push the Eject Button to open the Disc tray.
2. Removing the disc.
3. Close the Disc tray after removing the disc.

Emergency Eject

This drive has a feature that allows the Disc to be ejected manually in case of a drive failure or a power outage.

NOTE: Don't use this feature **except** in an emergency.

1) Turn the PC power OFF.
2) Poke a fine-tipped object (such as a straightened heavy duty paper clip) into the small hole above the eject button. The front door will pop open and the disk tray will come partway out.
3) Pull the front door to open it all the way, then grip the disc tray between thumb and forefinger and gently pull it straight out.

NOTE: Use this feature for an emergency purpose only. Using it excessively will cause malfunction.

* If you cannot get a good grip on the disc tray with your fingers, use a steel binder clip or spring clamp to pull it out.

Playing a music CD

Listening to sound

When connected to a computer, you can play audio CD's through your computer's audio system after setting Digital Audio mode.

Check your Windows or "Windows Media Player" manual for detail.

NOTES

- **DVD video region code:**
  Each region around the world has a different region number on the DVD video movies being sold in a region.
  The region code can be changed to other regions up to 5 times by using the software decoder.
  If you change the region code 5 times, the drive will lock onto the last (5th change) region code, and cannot change the drive to another region code.
  This limitation is a requirement as licensees of DVD drive technology.
- **When connecting with USB1.1 interface, due to its slow transfer time, picture and sound may be disrupted when trying to view a DVD movie or BD MV.**

Appendix

Troubleshooting

If you are experiencing problems with the drive, verify the following items. Since the problem may be caused by a device other than the drive, check other things such as system settings or other software being used, etc.
If you cannot resolve the problem after verifying these items, contact your dealer or our customer service department.

Problem	Possible Cause	Possible Solution
Cannot play a BD, DVD or CD in the drive or certain types of discs cannot be read in the drive.	1. The disc is not inserted correctly. 2. The disc is dirty. 3. The pick-up lens is dirty. 4. The disc is scratched or warped. 5. The disc uses a region code that cannot be played on the drive.	1. Reinsert the disc correctly. 2. Clean the disc surface. 3. Clean the pick-up lens. 4. Change the disc. 5. Refer to your system manual for help.
Drive is not detected by the system.	1. The USB converter cable is not properly connected.	1.Make sure USB converter cable is connected properly and re-install the device driver.
Drive will not play media or certain types of BD, DVD or CD media	1. The disc doesn't match your system. Is the media disc the correct format for the type of system that you are using. 2. Virus possibility.	1. Check the disc format. 2. Has the Windows software driver program been corrupted by a virus? Run a Virus Scan program and repair if possible.

Regulatory

FCC COMPLIANCE STATEMENT (U.S. only)

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an Authorized Service Center for help.

- FCC WARNING
  Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This Product is for use only with UL listed personal computers that have installation instructions detailing user-installation of card cage accessory.

Laser Safety Statement

CAUTION : CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM.

CLASS 1 LASER PRODUCT

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